Index of Claims

| Α | ppl | ica | tion | /Con | itrol | No. |
|---|-----|-----|------|------|-------|-----|
|---|-----|-----|------|------|-------|-----|

09/909,037

Examiner

Javid A. Amini

Applicant(s)/Patent under Reexamination

MATTHIES, DENNIS L.
Art Unit

2672

| 7 | Rejected |
|---|----------|
| _ | Allowed  |

| 1  | (Through numeral)<br>Cancelled |
|----|--------------------------------|
| ļ. | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| I | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Claim Date |          |             |          |           | Claim Date |           |          |          |          | 7        | С     | aim      | Date     |          |          |          |          |        |          |          |           |          |          |                 |          |          |          |              |          |          |          |          |
|------------|----------|-------------|----------|-----------|------------|-----------|----------|----------|----------|----------|-------|----------|----------|----------|----------|----------|----------|--------|----------|----------|-----------|----------|----------|-----------------|----------|----------|----------|--------------|----------|----------|----------|----------|
|            | -        |             |          | Т         | Т          | Т         |          |          |          |          |       |          |          |          |          | Т        |          |        |          |          | 7         |          | T        | 1               |          |          | Г        | <u> </u>     |          | П        |          | П        |
| Final      | Original | 5/24/05     |          |           |            |           |          |          |          |          |       | Final    | Original | 1        |          | İ        | 1        | 1      |          |          |           | ক্র      | Original |                 |          |          |          |              | ·        |          |          |          |
| ıπ̈        | Ē        | 124         |          |           |            |           |          |          |          |          |       | ≟        | rig      |          |          |          |          |        |          |          | ::::      | Final    | rig      |                 |          |          |          |              | İ        |          | , 1      | il       |
|            | 0        | "           |          |           |            |           | 1        |          |          |          |       |          | Ō.       |          |          |          | -        |        |          |          |           |          | 0        |                 |          |          |          |              |          |          |          |          |
|            | 1        | 1           |          | 十         |            | $\top$    |          |          |          |          |       |          | 51       | H        |          | $\top$   | $\dashv$ | $\top$ | 1        | $\top$   | ١         | <u>├</u> | 101      | 1               | _        | H        |          |              | _        |          | Н        | П        |
|            | 2        | 1           |          | $\top$    | $\top$     | 十         | $\neg$   |          |          |          |       | $\vdash$ | 52       |          |          | +        | ╅        | 十      | 1        |          | -         | <b></b>  | 102      | 1-              |          | _        |          | -            | $\vdash$ |          | Н        | Н        |
|            | 3        | 1           |          | $\top$    | 1          | T         | ┪        | ╗        |          | _        |       |          | 53       |          |          |          | 十        | 十      | 1        |          | -         | _        | 103      |                 |          | $\vdash$ |          | $\vdash$     | -        | Н        | Н        | $\vdash$ |
|            | 4        | 1           | $\Box$   | _         | 十          | 寸         | 寸        | $\neg$   |          |          |       |          | 54       |          | $\neg$   | .        | Ť        | †-     | $\top$   |          | $\exists$ |          | 104      |                 |          |          | -        | <del> </del> | Ħ        | $\vdash$ | $\vdash$ |          |
|            | 5        | 1           |          | T         |            | 寸         |          |          |          |          |       |          | 55       | $\Box$   |          | T        |          | 1      |          |          | 7::::     |          | 105      | $\vdash$        |          |          | _        |              |          |          | $\neg$   | $\Box$   |
|            | 6        | √           | $\Box$   | T         |            | T         | 一        |          |          |          |       |          | 56       |          |          | $\neg$   |          | 1      | $\top$   |          |           |          | 106      | $\vdash$        |          |          | $\vdash$ |              |          |          | $\dashv$ |          |
|            | 7        | 7           |          | $\top$    | $\neg$     | $\neg$    | 寸        |          |          |          |       |          | 57       |          |          | $\neg$   |          | T      |          |          |           |          | 107      |                 |          |          | $\vdash$ |              |          | $\Box$   | $\neg$   | П        |
|            | 8        | -           |          | T         | 丅          | $\top$    | 寸        |          |          |          |       |          | 58       |          | 7        | $\neg$   | 1        | Ť      | 1        |          |           |          | 108      | T               |          |          |          | _            |          | $\sqcap$ | $\Box$   | $\Box$   |
|            | 9        | 1           |          | T         |            | T         | Ŧ        |          |          |          |       |          | 59       |          |          |          |          |        |          |          |           |          | 109      | $\vdash$        |          |          |          |              |          | Ħ        | $\neg$   |          |
|            | 10       | 1           |          | T         | $\neg$     | $\top$    | T        |          |          |          |       |          | 60       |          | T        | $\top$   | T        | $\top$ |          |          |           |          | 110      |                 | П        |          |          |              | T        | П        | $\neg$   | $\sqcap$ |
|            | 11       | 1           |          | $\neg$    |            | T         | $\dashv$ | $\neg$   |          |          |       |          | 61       | П        | 寸        | 十        | 十        | T      | $\top$   |          |           |          | 111      |                 | П        |          |          |              | Г        | H        |          | Н        |
|            | 12       | 1           |          | $\top$    | $\top$     | 寸         | 寸        |          |          |          |       |          | 62       | П        | _        | $\top$   |          | 1      | $\sqcap$ |          | 7         | ٠        | 112      | $\Box$          | П        |          | $\vdash$ |              |          | H        | $\neg$   | $\vdash$ |
|            | 13       | -           |          | Т         | $\top$     | 丁         | $\neg$   |          |          |          |       |          | 63       | П        | $\dashv$ | $\top$   | $\top$   | T      | $\top$   |          | 7::::     |          | 113      |                 |          |          |          |              |          | $\sqcap$ | $\neg$   | $\sqcap$ |
|            | 14       | -           |          | ╅         | $\top$     | $\top$    | $\dashv$ |          | $\neg$   |          |       |          | 64       | П        | $\neg$   | $\top$   | $\top$   | 1      | 77       | $\vdash$ | 1         |          | 114      | T               | П        | <b>-</b> | Т        | П            |          | $\sqcap$ |          | 一        |
|            | 15       | -           |          | 十         | $\top$     | $\top$    | $\dashv$ |          |          | $\neg$   |       | М        | 65       |          | $\dashv$ | $\top$   | $\top$   | $\top$ | $\top$   |          |           |          | 115      | T               | Н        |          |          |              |          | $\sqcap$ | $\neg$   | 一        |
|            | 16       | -           |          | $\top$    |            | $\top$    | ╗        |          |          |          |       |          | 66       |          | $\neg$   | 十        | $\top$   | +      | 1-1      |          | -         |          | 116      | Ħ               |          |          | $\vdash$ | _            |          |          | $\neg$   | П        |
|            | 17       | •           |          |           |            | $\top$    | 寸        | ヿ        |          | $\neg$   |       |          | 67       |          | $\neg$   | 1        | 十        | $\top$ |          |          | -         |          | 117      | Ħ               | H        | <u> </u> | _        | _            |          | $\Box$   | _        | $\sqcap$ |
|            | 18       | -           |          | 1         |            | 十         | 寸        | ヿ        |          | ╗        |       |          | 68       |          | 寸        | $\top$   | $\top$   | 十      |          |          | -         | -        | 118      |                 | П        |          |          |              | H        |          |          | $\dashv$ |
|            | 19       | -           | $\top$   | ╅         | 1          | 十         | $\neg$   |          |          |          |       |          | 69       |          | 十        | +        | $\top$   | +      | 1        |          | -         |          | 119      | Н               | Н        | -        | Н        | _            | $\vdash$ | $\vdash$ | $\dashv$ | Н        |
|            | 20       | -           | $\dashv$ | 十         | +          | ╅         | $\dashv$ | $\neg$   |          | $\neg$   |       |          | 70       |          | 寸        | 十        | +        | +      | 1        | -        | -         |          | 120      | H               | Н        |          | Н        | _            | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 21       | -           |          | +         | T          | 7         | 1        | 一        |          |          |       |          | 71       | Н        | 一        | 1        | $\top$   | +      | 1        |          | -         |          | 121      | H               | Н        | _        |          | _            | H        | 7        | $\dashv$ | $\dashv$ |
|            | 22       | _           |          | +         | $\top$     | 十         | 寸        | $\neg$   |          | $\dashv$ |       |          | 72       | $\vdash$ | $\dashv$ | +        | ╁        | +      | 1-1      | +        | -         |          | 122      | $\vdash$        | Н        | -        | $\vdash$ |              |          |          | $\dashv$ | Н        |
|            | 23       |             | $\neg$   | $\top$    | $\top$     | 十         | 十        | $\dashv$ |          | -        |       |          | 73       | H        | _        | +        | 十        | ╈      | 1 1      | $\dashv$ | -         | -        | 123      | ┢╌              | Н        |          | _        | _            |          | $\vdash$ | $\dashv$ | $\dashv$ |
|            | 24       | -           | $\dashv$ | $\top$    | $\top$     | 士         | $\dashv$ | 一        |          |          |       |          | 74       | H        | +        | +        | +        | +      | 1-       | 一        | -         |          | 124      | $\vdash$        | $\vdash$ | -        |          | _            | Н        | $\vdash$ | $\dashv$ | -        |
|            | 25       | -           | 十        | $\top$    | $\top$     | 7         | 寸        | 一        | _        |          |       |          | 75       |          | $\dashv$ | +        | ╅        | $^{+}$ | +-1      | $\dashv$ | -         |          | 125      |                 | Н        | -        |          | -            | Н        | -        | $\dashv$ | -        |
|            | 26       | <b>√</b>    | _        | ┪         | +          | Ť         | 寸        | 7        | $\neg$   | $\dashv$ |       |          | 76       | Н        | _        | +        | +        | ╈      | +        |          | -         |          | 126      | $\vdash$        | $\vdash$ |          | _        |              | H        | -        | $\dashv$ | $\dashv$ |
|            | 27       | 1           |          | T         | $\top$     | †         | $\dashv$ | ᅥ        | _        | $\neg$   |       |          | 77       | Н        |          | $\dashv$ | +        | +      | 1-1      |          | -         | -        | 127      |                 | Н        | <u> </u> | Н        |              | -        | $\vdash$ | $\dashv$ | $\dashv$ |
|            | 28       | 1           |          | 十         |            | 1         | 1        | $\neg$   |          | $\dashv$ |       |          | 78       | H        | $\dashv$ | +        | 十        | +      | 1 1      | _        | -         |          | 128      | Н               | $\vdash$ |          | H        |              | H        | -        | -        | $\dashv$ |
|            | 29       | 1           |          | +         | _          | $\top$    | 寸        | 一        | $\dashv$ | $\neg$   |       |          | 79       | Н        | $\dashv$ | +        | ╁        | +      | + +      | $\dashv$ | -         |          | 129      | Н               | Н        | Н        | -        | _            | Н        | +        | $\dashv$ | $\dashv$ |
|            | 30       | 1           | _        | †         | ╅          | ╅         | $\dashv$ | 一        | 7        | $\dashv$ |       |          | 80       | H        | $\dashv$ | $\dashv$ |          | +      | + +      | $\dashv$ | -         |          | 130      | Н               | $\vdash$ | -        |          |              | Н        | $\vdash$ | $\dashv$ | -        |
|            | 31       | 7           | _        | $\top$    | $\top$     | +         | 十        | $\dashv$ | 一        | ⊣        |       |          | 81       | $\vdash$ | $\dashv$ | +        | +        | ╅╴     | +        | +        | -         |          | 131      | Н               | Н        | $\vdash$ | -        |              | $\vdash$ |          | $\dashv$ | -        |
|            | 32       | V           |          | 十         | 十          | 十         | $\top$   | _        | _        | $\dashv$ |       |          | 82       | $\vdash$ | $\dashv$ | -        | ╁        | +      | +        |          | -         |          | 132      | Н               | $\dashv$ |          |          |              | -        | $\vdash$ | $\dashv$ | $\dashv$ |
|            | 33       | _           | $\dashv$ | 十         | _          | $\top$    | +        | 寸        | 寸        | ヿ        |       |          | 83       | $\vdash$ | +        | 十        | ╁        | +-     | +        | $\dashv$ | -         |          | 133      | Н               | $\dashv$ |          |          |              | -        | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 34       |             | -        | +         | +          | $\dagger$ | $\dashv$ | _        | _        | 一        |       | -        | 84       | H        | $\dashv$ | +        | +        | +      | +        | +        | اااا      |          | 134      | Н               | $\vdash$ |          | $\dashv$ | $\vdash$     | Н        | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 35       |             | +        | +         | +          | $\dagger$ | $\dashv$ |          | $\dashv$ | $\dashv$ |       | -        | 85       | $\vdash$ | 十        | +        | +        | +      | ╅        | $\dashv$ | ااااا     |          | 135      | $\vdash$        | $\vdash$ | Н        | $\dashv$ | $\vdash$     | Н        | -+       | $\dashv$ | $\dashv$ |
|            | 36       | $\neg$      | $\dashv$ | 十         | $\top$     | +         | +        | _        | $\dashv$ | $\dashv$ |       |          | 86       |          | _        | +        | +        | +-     | ┿┥       | $\dashv$ | -         |          | 136      | Н               |          | $\vdash$ | -        |              | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 37       | $\neg$      | $\dashv$ | 十         | $\top$     | $\dagger$ | 十        | 7        | +        | 一        |       |          | 87       | $\dashv$ | +        | +        | +-       | +      | +        | +        | -         |          | 137      | $\vdash$        | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$     | $\vdash$ | $\dashv$ | -        | ㅓ        |
|            | 38       | $\neg \neg$ | _        | 十         | +          | +         | $\dashv$ | -        | $\dashv$ | $\dashv$ |       |          | 88       | $\vdash$ | +        | +        | +        | +      | ++       | +        | -         |          | 138      | $\vdash$        | $\vdash$ |          | -        | $\dashv$     | $\vdash$ | -+       | $\dashv$ | ᅴ        |
|            | 39       |             | $\top$   | +         | $\top$     | $\dagger$ | +        | 一        | $\dashv$ | $\dashv$ |       |          | 89       | $\vdash$ | -+       | +        | ╁        | +-     | +        | +        | ┨┈╢       |          | 139      | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 40       | _           | $\top$   | +         | +          | +         | $\dashv$ | 7        | $\dashv$ | $\dashv$ |       | $\dashv$ | 90       | $\dashv$ | 十        | +        | +        | +      | +        | -+       | -         |          | 140      | $\vdash$        |          | $\vdash$ | $\dashv$ | $\dashv$     | $\vdash$ | $\dashv$ |          | $\dashv$ |
|            | 41       | $\dashv$    | $\dashv$ | +         | +          | +         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |       |          | 91       | $\dashv$ | $\dashv$ | +        | +        | +      | ╁┯┤      | +        |           |          | 141      | ├─┤             | $\dashv$ | $\dashv$ | -        | _            | $\vdash$ | $\dashv$ | $\dashv$ | ᅱ        |
| -          | 42       |             | +        | +         | +          | 十         | +        | -        | -        | $\dashv$ |       |          | 92       | $\dashv$ | +        | +        | +        | ╁      | ++       | $\dashv$ |           |          | 142      | ├┤              | $\dashv$ |          | $\dashv$ | $\dashv$     |          | $\dashv$ | $\dashv$ | 긕        |
|            | 43       | -           | $\dashv$ | +         | +          | +         | +        | +        | $\dashv$ | $\dashv$ |       |          | 93       | +        | +        | +        | ╁        | +      | +        | -+       | -         |          | 143      | Н               | $\dashv$ |          | -        | $\dashv$     |          | $\dashv$ | $\dashv$ | $\dashv$ |
|            | 44       | _           | +        | $\dagger$ | +          | +         | +        | -+       | $\dashv$ | $\dashv$ |       |          | 94       | $\dashv$ | $\dashv$ | ╫        | +        | ╁      | ++       | +        | -         |          | 144      | $\vdash$        | $\dashv$ | -        |          | $\dashv$     | $\dashv$ | $\dashv$ |          | $\dashv$ |
|            | 45       | $\dashv$    | $\dashv$ | +         | $\top$     | +         | ╅        | $\dashv$ | -        |          |       | _        | 95       | $\dashv$ | +        | +        | +        | +      | + +      | +        | -         |          | 145      | $\vdash$        | -        |          |          | $\dashv$     |          | $\dashv$ | -        | $\dashv$ |
| -+         | 46       |             | +        | 十         | +          | +         | +        | $\dashv$ | $\dashv$ |          | 1     |          | 96       | -+       | +        | +        | +        | +      | ++       |          | -         |          | 146      | $\vdash$        | $\dashv$ |          |          | -            | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| -          | 47       | $\dashv$    | +        | +         | +          | +         | +        | +        | $\dashv$ |          | H     |          | 97       | $\dashv$ | +        | +        | +        | ╁      | ++       |          | - :::     |          | 147      | $\vdash$        |          | $\dashv$ | $\dashv$ | $\dashv$     |          | +        |          | 4        |
|            | 48       | $\dashv$    | +        | +         | +          | +         | +        | $\dashv$ | $\dashv$ | $\dashv$ | H     | $\dashv$ | 98       | $\dashv$ | +        | +        | +-       | +      | ++       | +-       | -         |          | 148      | $\vdash$        |          | {        | $\dashv$ |              | $\dashv$ | +        |          | $\dashv$ |
|            | 49       | ᅥ           | +        | +         | +          | +         | +        | $\dashv$ | $\dashv$ | -        | H     |          | 99       | +        | +        | +        | ╁        | ╁      | ╁┼       | +-       |           |          | 148      | $\vdash$        | -        | $\dashv$ |          |              |          | $\dashv$ | 4        | 4        |
|            | 50       | -1          | +        | +         | +          | +         | +        | +        | $\dashv$ | $\dashv$ | ŀ     |          | 100      | $\dashv$ | +        | ┰        | ╁╴       | ╁      | ╁┼       | +        | ┨ӹ╟       |          |          | $\vdash \dashv$ | $\dashv$ |          | _        | -4           | _        | $\dashv$ | -        | _        |
|            | 50 [     |             | L_       |           |            |           |          |          |          | <u></u>  | ::::[ |          | 100      |          |          | 丄        |          |        | $\perp$  |          | _]:::::[  |          | 150      |                 | ᆚ        |          |          |              | i        | $\perp$  |          |          |